NEW RECORDS OF *POGONELLA BISPINUS* (STÅL) (HOMOPTERA: MEMBRACIDAE) FROM EASTERN AUSTRALIA AND BARROW ISLAND, WESTERN AUSTRALIA

By C. N. Smithers
The Australian Museum, College St., Sydney

Abstract

This paper gives new locality records for *Pogonella bispinus* (Stål) (Membracidae) in eastern Australia and on Barrow Island, north-western Western Australia, and records *Plumbago zeylanica* as a host plant.

Introduction

Stål (1869) described *Acanthucus bispinus* from "New Holland". Funkhouser (1950) gave the following distribution for this species: Australia; Homebush, Tweed River, Sydney, Maitland (New South Wales); Clermont (Queensland); Victoria; Tasmania; Swan River (Western Australia). Evans (1966) included *A. bispinus* in his genus *Pogonella*, mentioned the type locality as "New Holland" and gave as the "known distribution elsewhere" –Blackheath, Mullaley (New South Wales); Fern Tree Gully, Timbertop (Victoria); Lord Howe Island". At the same time he placed in synonymy with it *A. euryone* Kirkaldy and *A. eurynomus* Kirkaldy but did not mention any localities for those species, the type localities for which are Sydney and Bundaberg respectively. Kirkaldy (1907), when describing *A. euryone* and *A. eurynomus*, also recorded *A. ?bispinus* from Cairns and Brisbane.

The species is thus recorded from scattered localities from northern Queensland to southern Victoria, with one record from the southwest of Western Australia.

New records

Between 2nd and 16th May 1982 I collected 4 ♂ and 5 ♀ of *P. bispinus* from *Plumbago zeylanica* on Barrow Island, off the north-western coast of Western Australia (20°46'S, 115°24'E). This material represents a considerable extension of known range and *P. zeylanica* appears to be the first host plant to be recorded for this species. *P. bispinus* was the only membracid found on Barrow Island.

Unrecorded material in the Australian Museum collections from within the previously known range is as follows: New South Wales: 2 ♀, Nandewar Rge., near Narrabri, 6-7.xi.1932, K. C. McKeown. 1 ♀, Iluka, Clarence R., 18.i.1971, D. K. McAlpine and A. Hughes. 1 ♀, Huonbrook, near Mullimbimbi, 2.iii.1965, D. K. McAlpine. 1 ♀, at m.v. lamp, Whian Whian State Forest, near Lismore, 25.ii.1965, D. K. McAlpine and R. Lossin. 1 ♀, same locality and collectors, 26.ii.1965. 1 ♀, Royal National Park, 12.iii.1927, A. Musgrave. 1 ♀, same locality, 6.xii.1958, D. K. McAlpine. 2 ♀, Walcha, 9.xi.1932, K. C. McKeown. 1 ♀, Brooklana, E. Dorrigo, ii.1929, W. Heron. 2 ♀, 1 ♂, Bogan R., J. Armstrong. Queensland: 1 ♀, National Park, Macpherson Range, xii.1926, A. Musgrave. 2 ♀, Cunnamulla, x.1943, N. Geary. 1 ♀, One Tree Hill, Brisbane,

12.xii.1925, A. Musgrave. 1 ♀, Bunya Mt; 20.xii.1937, N. Geary. 1 ♀, National Park, iii.1921, G. H. Hardy.

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ANTS ATTENDANT ON *OGYRIS AMARYLLIS AMATA* WATERHOUSE (LEPIDOPTERA: LYCAENIDAE)

By C. E. Aston* and K. L. Dunn†

*Dept. of Statistics, I.A.S., Australian National University, Canberra, A.C.T., 2601

†Dept. of Zoology, Australian National University, Canberra, A.C.T. 2601

Ferguson (1983) recorded both *Iridomyrmex* and *Camponotus* ants attending *Ogyris amaryllis amata* larvae and pupae at Coppins Crossing, A.C.T. In the same area in October 1983 a single pre-pupa was found in a borer hole occupied by *Crematogaster* ants. No other ant genera were observed on this particular tree. *Iridomyrmex, Camponotus* and *Crematogaster* ants, were found on other trees in the area together with some unidentified ants, however no *Ogyris* larvae or pupae were found.

In the nearby Cotter area many pupal cases were found in borer holes occupied by *Iridomyrmex* ants. *Crematogaster* ants were present on some trees but no evidence of *Ogyris* larvae or pupae was found with them.

Ogyris amaryllis is rarely attended by ants other than *Iridomyrmex.* Atsatt (1981) has observed that the presence of ants (*Iridomyrmex*) stimulates *O. amaryllis* to oviposit. It is not known if *Crematogaster* or *Camponotus* ants also stimulate oviposition or if these ants assume attendant roles in the absence of *Iridomyrmex* ants.

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